

for SF
11.3.18.1 v8

ITEM: 1F152 - STENCIL INK RED

PICK_REQ: 1012080452

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A6781

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - A6781

Associated Grainger Item: 1F152 - STENCIL INK RED

MATERIAL SAFETY DATA SHEET

ACC. TO ISO/DIS 11014

PRINTING DATE: 07/29/2004

REVIEWED ON: 07/29/2004

1 IDENTIFICATION OF SUBSTANCE

PRODUCT DETAILS:

TRADE NAME: ROLMARK RED STENCIL INK

ARTICLE NUMBER: 20891, 20909, 1F152, 33566

APPLICATION OF THE SUBSTANCE / THE PREPARATION: PRINTING INKS

MANUFACTURER/SUPPLIER:
MARSH SHIPPING SUPPLY CO., LLC
926 MCDONOUGH LAKE ROAD - UNIT B
COLLINSVILLE, IL 62234
USA

INFORMATION DEPARTMENT: MSDS DEPT.

EMERGENCY INFORMATION:
CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

2 COMPOSITION/DATA ON COMPONENTS

CHEMICAL CHARACTERIZATION:

DESCRIPTION:
MIXTURE OF THE SUBSTANCES LISTED BELOW WITH NONHAZARDOUS ADDITIONS.

HAZARDOUS COMPONENTS:

123-42-2	4-HYDROXY-4-METHYLPENTAN-2-ONE	Xi; R 36	72.72%
2425-85-6	1-(4-METHYL-2-NITROPHENYLazo)-2-NAPHTHOL		7.08%
13000-17-0	WOLLASTONITE		5.04%
6	1-9 NAPHTHANIL RED PIGMENT C.I. 22		2.41%
	MODIFIED ROSIN ESTER NJ TSEN 80100080-5097P		1.96%
	EINECS POLYMER EXEMPT - ALL COMPONENTS LISTED		
25265-71-8	OKYDIPROPANOL	Xi; R 36/37/38	1.57%
112945-52-5	AMORPHOUS FUMED SILICA, SILICON DIOXIDE, CRYSTALLINE FREE		0.74%
5468-75-7	YELLOW AAO PIGMENT 14		0.57%

ADDITIONAL INFORMATION:

FOR THE WORDING OF THE LISTED RISK PHRASES REFER TO SECTION 16.

THIS PRODUCT CONTAINS PIGMENTS WHICH MAY BECOME A DUST NUISANCE WHEN REMOVED BY ABRASIVE ELASTING OR SANDING. AIRBORNE NUISANCE PARTICULATES HAVE AN ACGIH TLV FOR TOTAL DUST OF 10 MG/M3

3 HAZARDS IDENTIFICATION

HAZARD DESCRIPTION: READ MSDS BEFORE USING

WARNING:

FLAMMABLE LIQUID. HARMFUL. KEEP LIQUID AND VAPORS AWAY FROM IGNITION SOURCES, HEAT, AND STATIC DISCHARGE. AVOID CONTACT WITH EYES AND SKIN. AVOID INHALATION OF MIST OR VAPOR.

Xi: IRRITANT

INFORMATION PERTAINING TO PARTICULAR DANGERS FOR MAN AND ENVIRONMENT: THE PRODUCT HAS TO BE LABELED DUE TO THE CALCULATION PROCEDURE OF INTERNATIONAL GUIDELINES.

R 36: IRRITATING TO EYES.

POTENTIAL CHRONIC HEALTH EFFECTS:

PROLONGED OR REPEATED EXPOSURE OF VAPORS, SPRAY, OR MATERIAL MAY CAUSE DISEASES OF THE LUNGS. REPORTS HAVE ASSOCIATED REPEATED OVEREXPOSURE TO SOLVENTS WITH BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE OF THIS PRODUCT MAY BE HARMFUL OR FATAL.

TARGET ORGANS:

OVEREXPOSURE TO THIS MATERIAL OR ITS COMPONENTS HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN LABORATORY ANIMALS AND/OR HUMANS, AND MAY AGGRAVATE PREEXISTING DISORDERS OF THESE ORGANS IN HUMANS: AN BLOOD DISORDERS, BRAIN DAMAGE, CARDIAC FUNCTION, EYE, LIVER, LUNG, ME AL AND FERTILITY, SKIN, RESPIRATORY, CENTRAL NERVOUS SYSTEM

CLASSIFICATION SYSTEM:

THE CLASSIFICATION WAS MADE ACCORDING TO THE LATEST EDITIONS OF INTERNATIONAL SUBSTANCES LISTS AND FROM COMPONENT DATA AND MSDS INFORMATION

NFPA RATINGS (SCALE 0 - 4):
HEALTH 2

FIRE 2

REACTIVITY 0

HMS-RATINGS (SCALE 0 - 4):

HEALTH 2

FIRE 2

REACTIVITY 0

4 FIRST AID MEASURES

GENERAL INFORMATION:

TAKE AFFECTED PERSONS OUT INTO THE FRESH AIR.
INVOLVE DOCTOR IMMEDIATELY.

AFTER INHALATION: SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF COMPLAINTS.

AFTER SKIN CONTACT:

IMMEDIATELY RINSE WITH WATER FOR 15 MINUTES. IF IRRITATION EXISTS CALL PHYSICIAN.

AFTER EYE CONTACT:

RINSE OPENED EYE FOR FIFTEEN MINUTES UNDER RUNNING WATER. IF IRRITATION PERSISTS, CONSULT A DOCTOR.

AFTER SWALLOWING:

DO NOT INDUCE VOMITING; IMMEDIATELY CALL FOR MEDICAL HELP.

INFORMATION FOR DOCTOR:

THE FOLLOWING SYMPTOMS MAY OCCUR:

BREATHING DIFFICULTY

HEADACHE

DIZZINESS

THIRST

CRAMP

GASTRIC OR INTESTINAL DISORDERS

COUGHING

ALLERGIC REACTIONS

NAUSEA

USEPA SF



1288494

5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING AGENTS:

CO2, EXTINGUISHING POWDER OR WATER SPRAY. FIGHT LARGER FIRES WITH WATER SPRAY OR ALCOHOL RESISTANT FOAM.

SPECIAL HAZARDS CAUSED BY THE MATERIAL, ITS PRODUCTS OF COMBUSTION OR RESULTING GASES:

NITROGEN OXIDES (NOx)

CARBON MONOXIDE (CO)

PROTECTIVE EQUIPMENT:

WEAR SELF-CONTAINED RESPIRATORY PROTECTIVE DEVICE.
WEAR FULLY PROTECTIVE SUIT.

ADDITIONAL INFORMATION:

DISPOSE OF FIRE DEBRIS AND CONTAMINATED FIRE FIGHTING WATER IN ACCORDANCE WITH OFFICIAL REGULATIONS. COLLECT CONTAMINATED FIRE FIGHTING WATER SEPARATELY. IT MUST NOT ENTER THE SEWAGE SYSTEM.

6 ACCIDENTAL RELEASE MEASURES

PERSON-RELATED SAFETY PRECAUTIONS:

WEAR PROTECTIVE EQUIPMENT. KEEP UNPROTECTED PERSONS AWAY.
ENSURE ADEQUATE VENTILATION
WEAR PROTECTIVE CLOTHING.

MEASURES FOR ENVIRONMENTAL PROTECTION:

DO NOT ALLOW PRODUCT TO REACH SEWAGE SYSTEM OR ANY WATER COURSE.
DO NOT ALLOW TO ENTER SEWERS/SURFACE OR GROUND WATER.
PREVENT FROM SPREADING (E.G. BY DAMMING-IN OR OIL BARRIERS).

MEASURES FOR CLEANING/COLLECTING:

ABSORB WITH LIQUID-BINDING MATERIAL (SAND, DIATOMITE, ACID BINDERS, UNIVERSAL BINDERS, SAWDUST).
DISPOSE CONTAMINATED MATERIAL AS WASTE ACCORDING TO ITEM 13.
ENSURE ADEQUATE VENTILATION.
DISPOSE OF THE COLLECTED MATERIAL ACCORDING TO REGULATIONS.

ADDITIONAL INFORMATION:

SEE SECTION 7 FOR INFORMATION ON SAFE HANDLING.
SEE SECTION 8 FOR INFORMATION ON PERSONAL PROTECTION EQUIPMENT.
SEE SECTION 13 FOR DISPOSAL INFORMATION.

7 HANDLING AND STORAGE

HANDLING:

INFORMATION FOR SAFE HANDLING:

STORE IN COOL, DRY PLACE IN TIGHTLY CLOSED RECEPTACLES.
KEEP AWAY FROM HEAT AND DIRECT SUNLIGHT.
ENSURE GOOD VENTILATION/EXHAUSTION AT THE WORKPLACE.
PREVENT FORMATION OF AEROSOLS.
HANDLE WITH CARE. AVOID JOLTING, FRICTION AND IMPACT.
HYDROCARBON SOLVENTS ARE BASICALLY NON-CONDUCTORS OF ELECTRICITY AND CAN BECOME ELECTROSTATICALLY CHARGED DURING MIXING OR MOVING. OBSERVE GROUNDING/GROUNDING OF CONTAINERS AND OTHER EQUIPMENT WHEN HANDLING.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:
NO SPECIAL MEASURES REQUIRED.

STORAGE:

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES:
STORE ONLY IN THE ORIGINAL RECEPTACLE.
PREVENT ANY SEEPAGE INTO THE GROUND.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY:
DO NOT STORE TOGETHER WITH OXIDIZING AND ACIDIC MATERIALS AS WELL AS
HEAVY-METAL COMPOUNDS.
STORE AWAY FROM FOODSTUFFS.

ADDITIONAL INFORMATION ABOUT STORAGE CONDITIONS:
KEEP RECEPTACLE TIGHTLY SEALED.
STORE IN COOL, DRY CONDITIONS IN WELL SEALED RECEPTACLES.
PROTECT FROM HUMIDITY AND WATER.
PROTECT FROM EXPOSURE TO THE LIGHT.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

23-42-2 4-HYDROXY-4-METHYLPENTAN-2-ONE:
EL: 240 MG/M3, 50 PPM
EL: 240 MG/M3, 50 PPM
LV: 238 MG/M3, 50 PPM

425-85-6 1-(4-METHYL-2-NITROPHENYLAZO)-2-NAPHTHOL:
LV: 10 (NUISANCE DUST) MG/M3

3983-17-0 MOLLASTONITE:
LV: 10* 3** MG/M3
TOTAL
*RESPIRABLE

448-95-9 NAPHTHANIL RED PIGMENT C.I. 22:

EL:
SHORT-TERM VALUE: 15 (NUISANCE) MG/M3
LONG-TERM VALUE: 5 (RESPIRABLE) MG/M3

LV:
SHORT-TERM VALUE: 10 (NUISANCE) MG/M3

MODIFIED ROSIN ESTER NJ TSN 80100080-5097P:
EINECS POLYMER EXEMPT - ALL COMPONENTS LISTED

EL: 5* 15** MG/M3, 15* 50** PPM
RESPIRABLE FRACTION
*TOTAL DUST

12945-52-5 AMORPHOUS FUMED SILICA, SILICON DIOXIDE, CRYSTALLINE FREE:
LV: 3.5 MG/M3

468-75-7 YELLOW AAO PIGMENT 14:
LV:
SHORT-TERM VALUE: 10 AS NUISANCE MG/M3

ADDITIONAL INFORMATION:
HE LISTS THAT WERE VALID DURING THE CREATION WERE USED AS BASIS.

PERSONAL PROTECTIVE EQUIPMENT:

GENERAL PROTECTIVE AND HYGIENIC MEASURES:
THE USUAL PRECAUTIONARY MEASURES FOR HANDLING CHEMICALS SHOULD BE FOLLOWED.
KEEP AWAY FROM FOODSTUFFS, BEVERAGES AND FEED.
IMMEDIATELY REMOVE ALL SOILED AND CONTAMINATED CLOTHING.
HANDS BEFORE BREAKS AND AT THE END OF WORK.
DO NOT INHALE GASES / FUMES / AEROSOLS.
AVOID CONTACT WITH THE EYES AND SKIN.
PREGNANT WOMEN SHOULD STRICTLY AVOID INHALATION OR SKIN CONTACT.
DO NOT EAT, DRINK, SMOKE OR SNIFF WHILE WORKING.

REATHING EQUIPMENT:
USE SUITABLE RESPIRATORY PROTECTIVE DEVICE IN CASE OF INSUFFICIENT
VENTILATION.
USE ONLY WITH ADEQUATE VENTILATION.
DO NOT BREATHE VAPORS, SPRAY MISTS, OR SANDING DUSTS. USE AIR PURIFYING
RESPIRATORS FITTED WITH ORGANIC VAPOR/HEPA CARTRIDGES ONLY IF AIR
MONITORING DEMONSTRATES SOLVENT/PARTICULATE LEVELS DO NOT EXCEED THE
RESPIRATOR MAXIMUM USE CONCENTRATION. USE PROPERLY FITTED NIOSH APPROVED
RESPIRATORS. LOCAL AND GENERAL EXHAUST SHOULD MINIMIZE ANY EXPOSURE.

PROTECTION OF HANDS: PROTECTIVE GLOVES

PROTECTION OF GLOVES:
NITRILE OR NATURAL RUBBER GLOVES ARE TYPICALLY USED TO PROTECT FROM MINOR
CONTACT. BUTYL TYPE ARE BEST FOR PROLONGED CONTACT.
NITRILE RUBBER, NBR

EYE PROTECTION: VAPOR PROOF SAFETY GOGGLES OR FULL FACE RESPIRATOR

BODY PROTECTION:
SOLVENT RESISTANT PROTECTIVE CLOTHING
IMPERVIOUS PROTECTIVE CLOTHING
EINECS POLYMER EXEMPT - ALL COMPONENTS LISTED
3-P(R) FOR MODERATE EXPOSURE.

9 PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION:

FORM: FLUID

COLOR: RED

ODOR: ALCOHOL-LIKE

CHANGE IN CONDITION:
BOILING POINT/MELTING RANGE: UNDETERMINED.
BOILING POINT/BOILING RANGE: 150 DEG. C (302 DEG. F)

FLASH POINT: 58 DEG. C (136 DEG. F)

IGNITION TEMPERATURE: 620.0 DEG. C (1148 DEG. F)

SELF-IGNITING: PRODUCT IS NOT SELF-IGNITING.

EXPLOSION OF EXPLOSION:
IN USE, MAY FORM FLAMMABLE/EXPLOSIVE VAPOR-AIR MIXTURE.

EXPLOSION LIMITS:
LOWER: 1.4 VOL %
UPPER: 8.1 VOL %

VAPOR PRESSURE AT 20 DEG. C (68 DEG. F): 1.1 HPA (1 MMHg)

DENSITY AT 20 DEG. C (68 DEG. F): 1.020 G/CM3

SOLUBILITY IN / MISCIBILITY WITH WATER: NOT MISCIBLE OR DIFFICULT TO MIX.

SOLVENT CONTENT:
ORGANIC SOLVENTS: 74.3%

SOLIDS CONTENT: 25.7%

10 STABILITY AND REACTIVITY

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:
NO DECOMPOSITION IF USED ACCORDING TO SPECIFICATIONS.

DANGEROUS REACTIONS: REACTS WITH ACIDS, ALKALIS AND OXIDIZING AGENTS.

DANGEROUS PRODUCTS OF DECOMPOSITION:
NITROGEN OXIDES
CARBON MONOXIDE AND CARBON DIOXIDE

11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

123-42-2 4-HYDROXY-4-METHYLPENTAN-2-ONE:
ORAL LD50: 4000 MG/KG (RAT)
DERMAL LD50: 13630 MG/KG (RAB)

PRIMARY IRRITANT EFFECT:
ON THE SKIN: IRRITANT TO SKIN AND MUCOUS MEMBRANES.
ON THE EYE: IRRITATING EFFECT.

SENSITIZATION:
SENSITIZING EFFECT THROUGH INHALATION IS POSSIBLE WITH PROLONGED EXPOSURE.
SENSITIZING EFFECT BY SKIN CONTACT IS POSSIBLE WITH PROLONGED EXPOSURE.

ADDITIONAL TOXICOLOGICAL INFORMATION:
THE PRODUCT SHOWS THE FOLLOWING DANGERS ACCORDING TO INTERNALLY APPROVED,
CALCULATION METHODS FOR PREPARATIONS:
IRRITANT
DANGER THROUGH SKIN ABSORPTION.

12 ECOLOGICAL INFORMATION

GENERAL NOTES:
WATER HAZARD CLASS 1 (SELF-ASSESSMENT): SLIGHTLY HAZARDOUS FOR WATER
THIS STATEMENT WAS DEDUCED FROM THE PROPERTIES OF THE SINGLE COMPONENTS.

13 DISPOSAL CONSIDERATIONS

PRODUCT:
RECOMMENDATION:
MUST NOT BE DISPOSED OF TOGETHER WITH HOUSEHOLD GARBAGE. DO NOT ALLOW
PRODUCT TO REACH SEWAGE SYSTEM.
HAND OVER TO HAZARDOUS WASTE DISPOSERS.

UNCLEANED PACKAGINGS:
RECOMMENDATION: DISPOSAL MUST BE MADE ACCORDING TO OFFICIAL REGULATIONS.

14 TRANSPORT INFORMATION

DOT REGULATIONS: FLAMMABLE LIQUID, CLASS/DIVISION 3.1,3.2,3.3

HAZARD CLASS:
INK, NOT REGULATED BY TITLE 49 PART 173.150 EXCEPTIONS FOR CLASS 3
(FLAMMABLE) AND COMBUSTIBLE LIQUIDS, (F) (1)

LAND TRANSPORT ADR/RID (CROSS-BORDER):
ADR/RID CLASS: 3 FLAMMABLE LIQUIDS
DANGER CODE (KEMLER): 30
UN-NUMBER: 1210
PACKAGING GROUP: III
DESCRIPTION OF GOODS: 1210 PRINTING INK

MARITIME TRANSPORT IMDG: CLASS 3 - FLAMMABLE LIQUIDS
IMDG CLASS: 3
UN NUMBER: 1210
LABEL: 3
PACKAGING GROUP: III
EMS NUMBER: F-E, S-D
MARINE POLLUTANT: F-E, S-D
PROPER SHIPPING NAME: PRINTING INK

AIR TRANSPORT ICAO-TI AND IATA-DGR:
ICAO/IATA CLASS: 3
UN/ID NUMBER: 1210
LABEL: 3
PACKAGING GROUP: III
PROPER SHIPPING NAME: PRINTING INK

15 REGULATIONS

TSCA (TOXIC SUBSTANCES CONTROL ACT): ALL INGREDIENTS ARE LISTED OR EXEMPT.

123-42-2 4-HYDROXY-4-METHYLPENTAN-2-ONE
ACRYLIC COPOLYMER - EU POLYMER EXEMPTED -
NOT REGULATED

2425-85-6 1-(4-METHYL-2-NITROPHENYLAZO)-2-NAPHTHOL
MODIFIED ROSIN ESTER NJ TSN 80100080-5097P
EINECS POLYMER EXEMPT - ALL COMPONENTS LISTED

25265-71-8 OXYDIPROPANOL

112945-52-5 AMORPHOUS FUMED SILICA, SILICON DIOXIDE,
CRYSTALLINE FREE

CANCEROGENICITY CATEGORIES:

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):

13983-17-0 WOLLASTONITE 3 5.0%

NTP (NATIONAL TOXICOLOGY PROGRAM): NONE OF THE INGREDIENTS IS LISTED.

NIOSH (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH):

2-2 4-HYDROXY-4-METHYLPENTAN-2-ONE GUIDELINES 89-104 72.72%

STATE REGULATIONS:

NEW JERSEY RIGHT-TO-KNOW:

MODIFIED ROSIN ESTER NJ TSN 80100080-5097P TSN 80100080-5097P 1.96%
EINECS POLYMER EXEMPT - ALL COMPONENTS LISTED

MASSACHUSETTS RIGHT-TO-KNOW / HAZARDOUS SUBSTANCE CODES:

123-42-2 4-HYDROXY-4-METHYLPENTAN-2-ONE 2, 4 72.72%

FLORIDA HAZARDOUS / TOXIC SUBSTANCE LISTS:

123-42-2 4-HYDROXY-4-METHYLPENTAN-2-ONE TOXIC 72.72%

PENNSYLVANIA HAZARDOUS SUBSTANCES:

123-42-2 4-HYDROXY-4-METHYLPENTAN-2-ONE 72.72%

25265-71-8 OXYDIPROPANOL LISTED 1.57%

MINNESOTA RIGHT TO KNOW / HAZARDOUS SUBSTANCES:

123-42-2 4-HYDROXY-4-METHYLPENTAN-2-ONE AND 72.72%

PRODUCT RELATED HAZARD INFORMATIONS:

THE PRODUCT HAS BEEN CLASSIFIED AND MARKED IN ACCORDANCE WITH DIRECTIVES ON HAZARDOUS MATERIALS.

HAZARD SYMBOLS:

Xi: IRRITANT

RISK PHRASES:

36: IRRITATING TO EYES.

SAFETY PHRASES:

23:

DO NOT BREATHE GAS/FUMES/VAPOR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER).

25: AVOID CONTACT WITH EYES.

26:

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

36/39: WEAR SUITABLE PROTECTIVE CLOTHING AND EYE/FACE PROTECTION.

5: ONLY IN WELL-VENTILATED AREAS.

60: THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE.

NATIONAL REGULATIONS:

OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA):

IMMEDIATE (ACUTE) HEALTH HAZARD

DELAYED (CHRONIC) HEALTH HAZARD

FIRE HAZARD

WATER HAZARD CLASS:

WATER HAZARD CLASS 1 (SELF-ASSESSMENT): SLIGHTLY HAZARDOUS FOR WATER.

16 OTHER INFORMATION

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, NEITHER THE ABOVE NAMED SUPPLIER NOR ANY OF ITS SUBSIDIARIES ASSUMES ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

RELEVANT R-PHRASES:

36: IRRITATING TO EYES.

36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

CONTACT: MIKE RICKERT

USA

ORDER: 1012080452

ITEM: 1F152 - STENCIL INK RED

HAZMAT: 1F152

HAZARD MATERIAL WARNING SHEET (HAZMAT)

When shipment is complete, retain for daily Hazmat audit

GRAINGER SHIPPING INFORMATION

STOCK # : 1F152

MSDS # : A6781

FREIGHT CODE : 0223

DOT PROPER SHIP NAME : COMBUSTIBLE LIQUID, NOT REGULATED BY DOT AS A
HAZARDOUS MATERIAL PER 49CFR 173.150(F)(2),
FLASHPOINT 56 DGS C, 133

FLASHPOINT : 56 DEGREES CELSIUS, 133 DEGREES FAHRENHEIT

UPS RESTRICTIONS :

HAZARDOUS CLASS NUMBER :

UN ID # :

PACKING GROUP :

SHIPPING LABEL :

LIMITED QUANTITY : NO

CARTON INSTRUCTIONS : CAN REPACK IN GRAINGER S CARTON

DOT/UPS EXEMPTION NO. :

COMMENTS : HAZARDOUS MATERIAL. DO NOT SHIP AIR!! ONLY ARROW UP
LABEL (2S594) REQUIRED.

SHIPPING-PAPERS :

PLACARD OFFERED ? YES () NO () PLEASE MARK ONE
